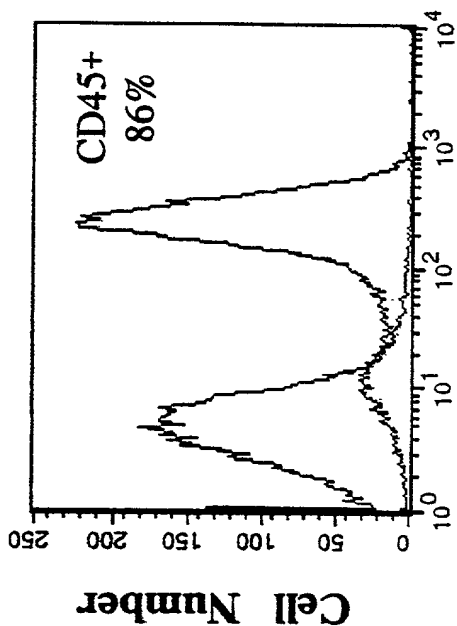


The diagram illustrates the experimental timeline for the study of TCR gene rearrangement. It features a horizontal timeline with three main experimental steps indicated by upward-pointing arrows:

- Pre-condition mouse** at day -6 to -9: This step involves irradiation with 350 rads and the injection of $10\text{-}25 \times 10^6$ cord blood MNC.
- Inject primary leukemia** at day 0: This step involves the injection of $1\text{-}5 \times 10^6$ primary leukemia cells.
- Harvest tissues** at 5-7 weeks: This final step involves the collection of tissues for subsequent analysis, including phenotypic analysis, TCR gene rearrangement analysis, and histocytochemistry.

—

A: Mouse bone marrow



B: Mouse spleen

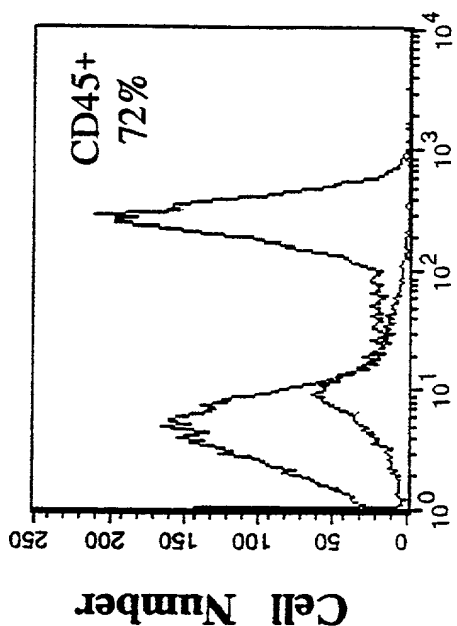
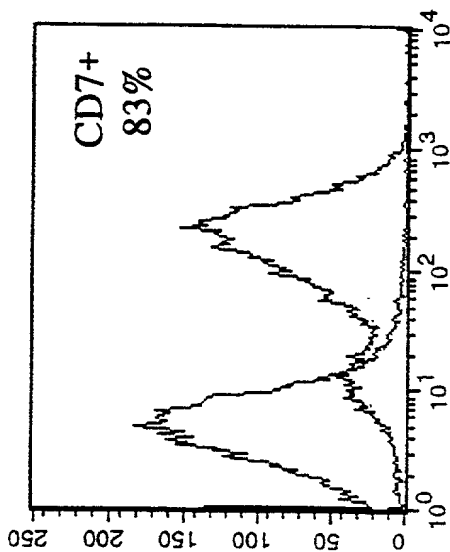
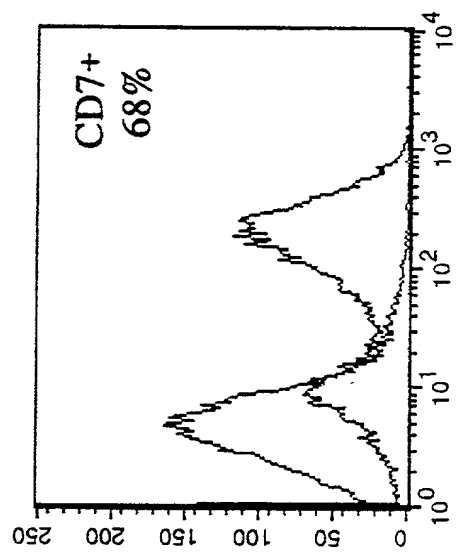


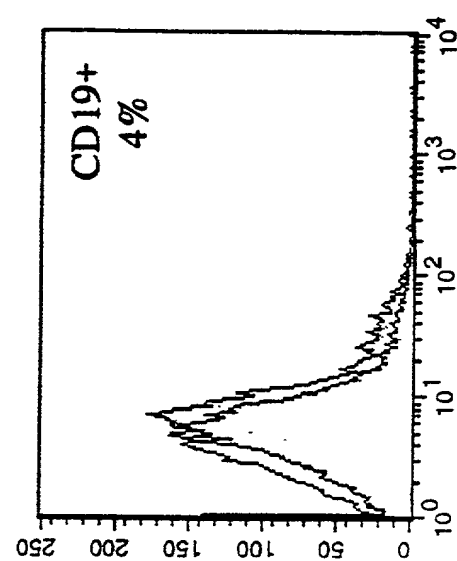
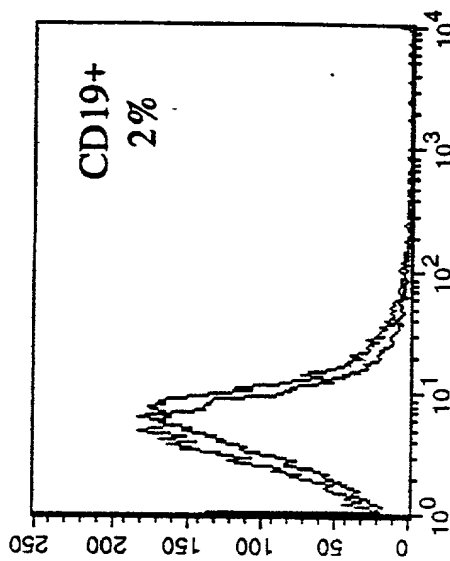
FIG. 2



Fluorescence Intensity



Fluorescence Intensity



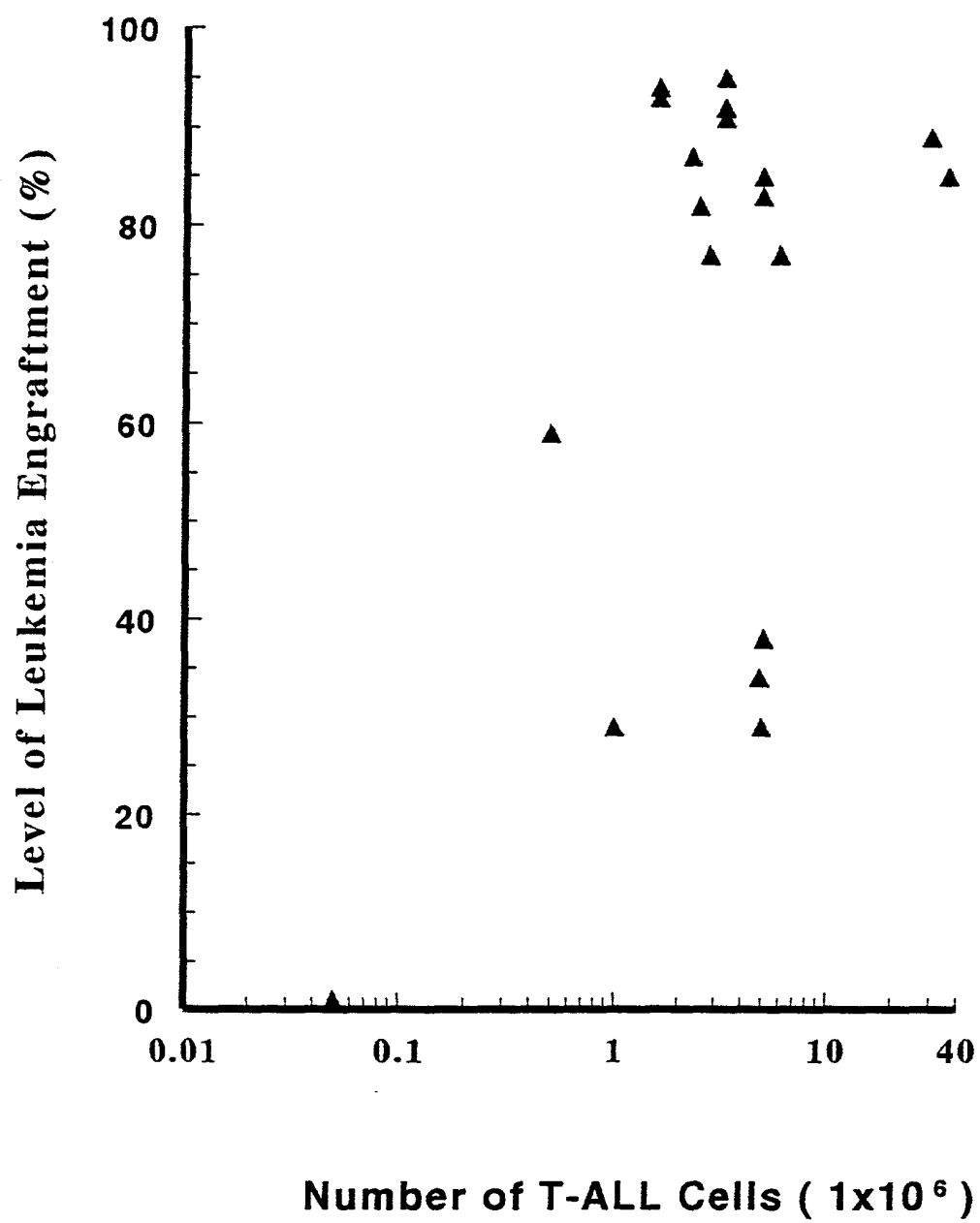


FIG. 3

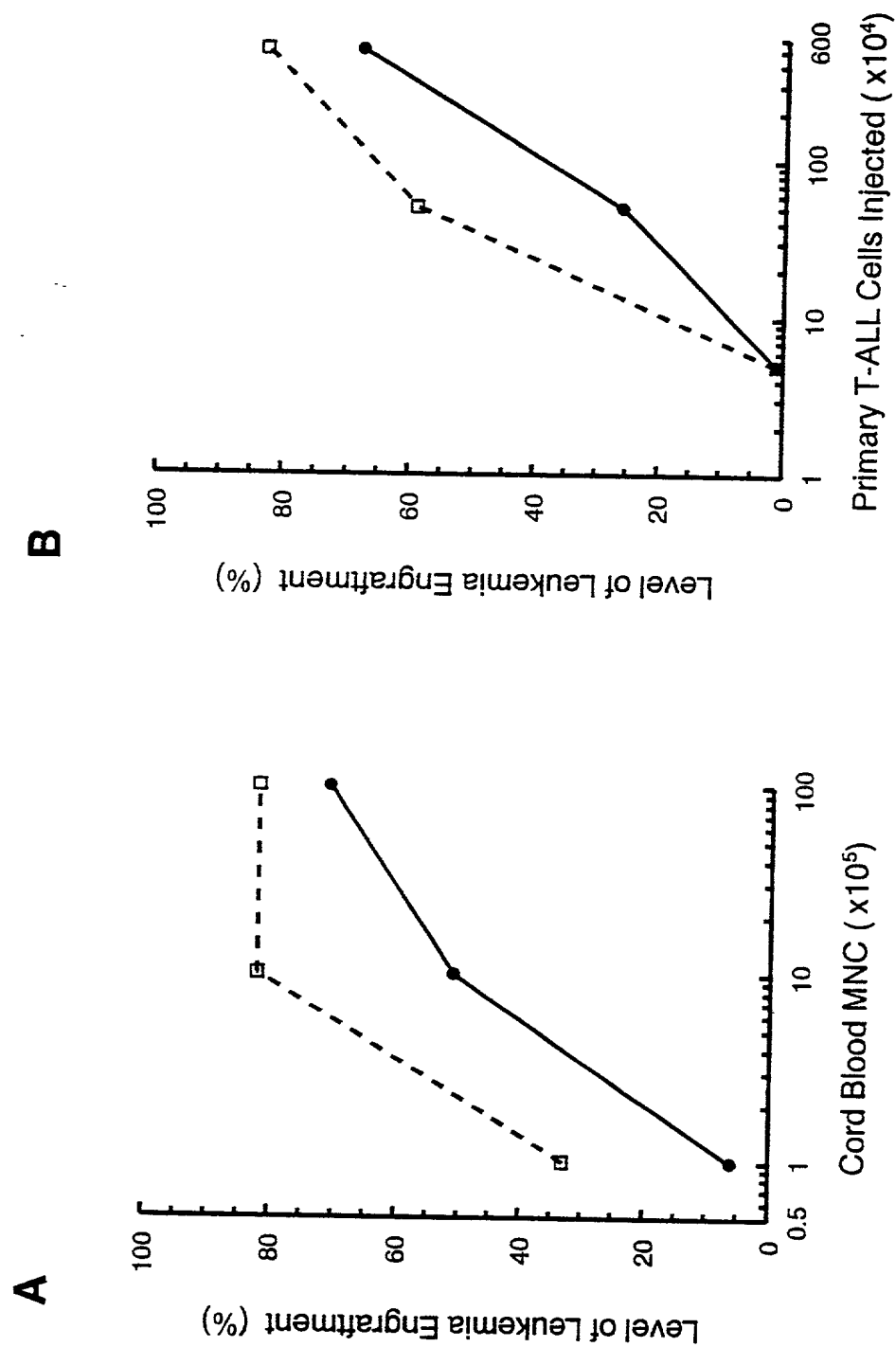


FIG. 4

A: 1st mouse recipient

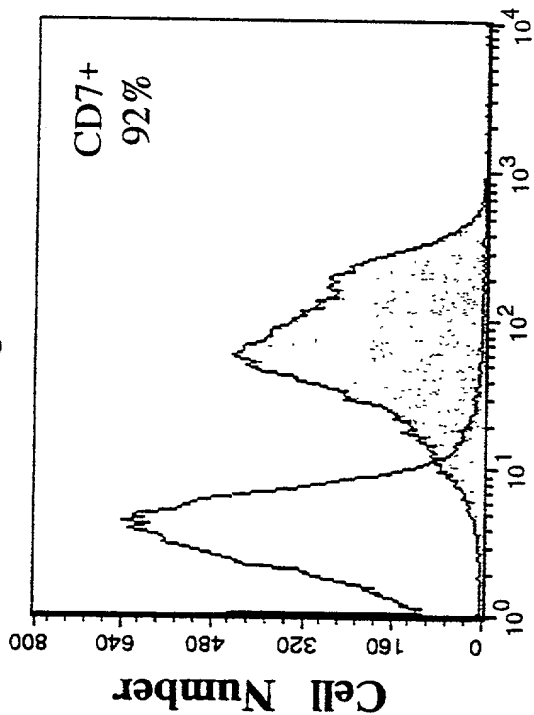
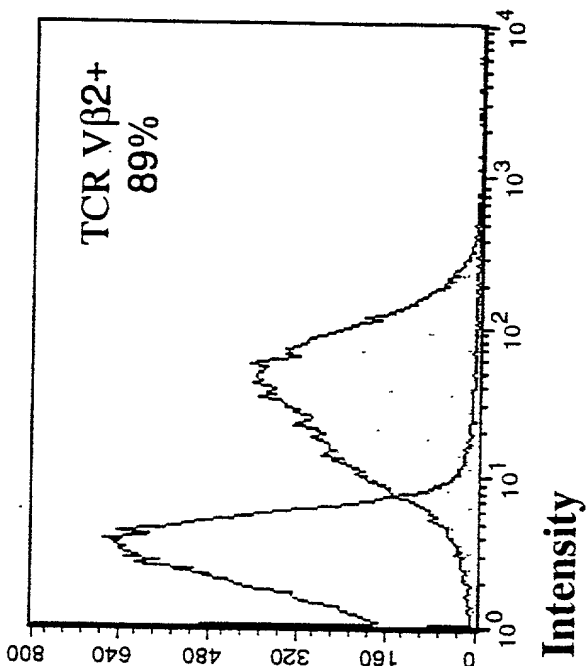
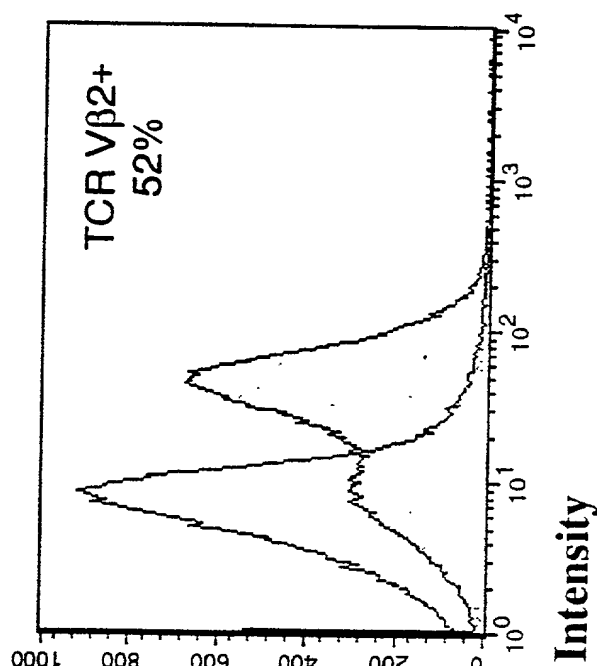
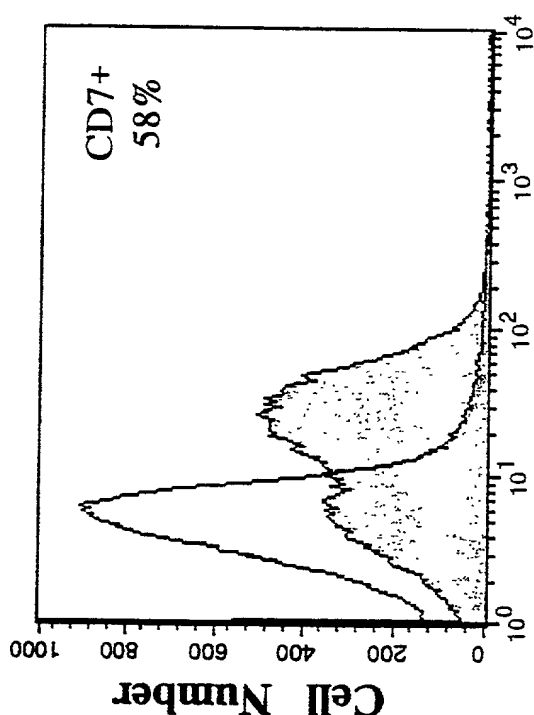


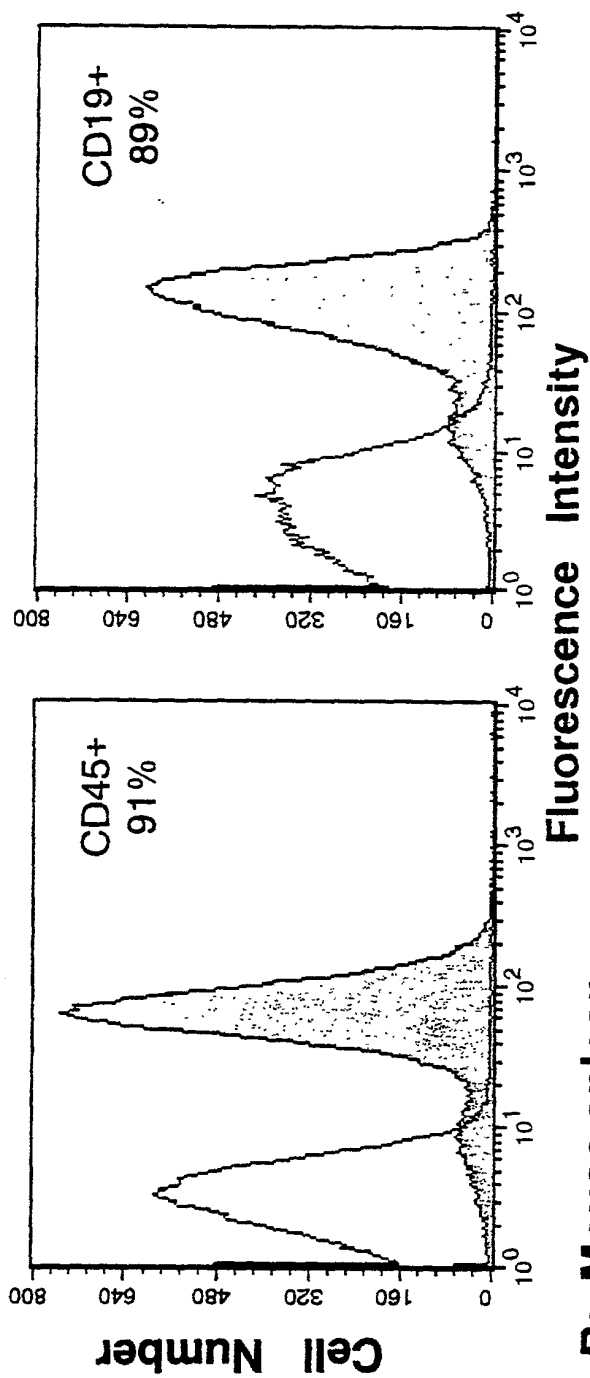
FIG. 5



B: 2nd mouse recipient



A: Mouse bone marrow



B: Mouse spleen

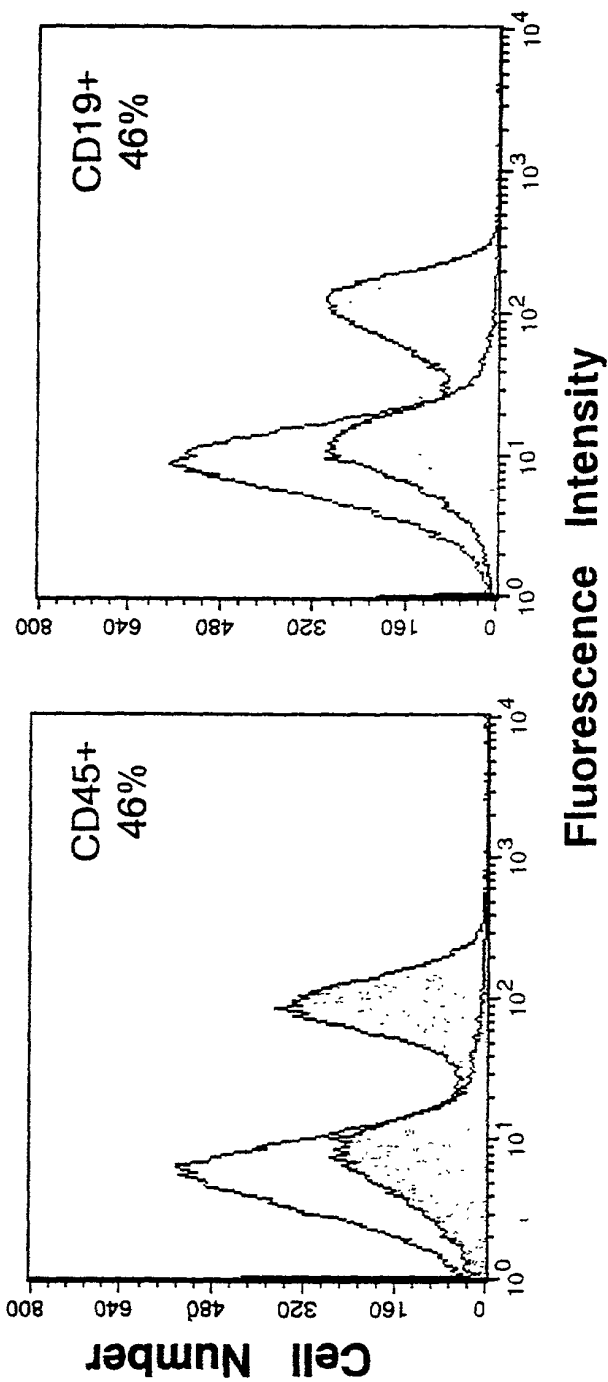


FIG. 6